L24	L18 L19 L20 L21 L22	L14 L15 L16 L17	L13				116 118 119 110 1110	L1 L2 L4		Ω	AB RA	
FILE 'REGISTRY' ENTERED AT 21:51:52 ON 22 JUN 2004 341544 S C.(7)C/SQSP	FILE 'BIOSIS, CAPLUS' ENTERED AT 21:05:00 ON 22 JUN 2004  3 S L16  3 S L16  3 S L16  3 DUP REM L18 (0 DUPLICATES REWOVED)  5 DUP REM L19 (0 DUPLICATES REWOVED)  3 DUP REM L20 (0 DUPLICATES REWOVED)	FILE 'REGISTRY' ENTERED AT 21:03:03 ON 22 JUN 2004  10 S CP(DEGAM) E(NDEPS)W[LT]EC/SQSP 28 S CDYSGTC/SQSP 5 S W[AQEMS][ALMP]CP[DEGAM]E[NDEPS]W[LT]FCW[DCHFS][AGHPS]/SQSP 0 S RAPCDYSGTC/FL	FILE 'BIOSIS, CAPLUS' ENTERED AT 20:41:35 ON 22 JUN 2004 1 S L11 AND FIBRIN 1 S L12 NOT L10	FILE 'REGISTRY' ENTERED AT 20:41:34 ON 22 JUN 2004	'BIOSIS, CAPLUS' ENTERED AT 20:40:23 ON	FILE 'REGISTRY' ENTERED AT 20:40:23 ON 22 JUN 2004	FILE 'BIOSIS, CAPLUS' ENTERED AT 20:33:24 ON 22 JUN 2004  103 S L4  217 S L5  296 S L6 OR L7  249 DUP REM L8 (47 DUPLICATES REMOVED)  2 S L9 AND FIBRIN (W) BIND?  92 S L9 AND PY<=2000	FILE 'REGISTRY' ENTERED AT 20:03:02 ON 22 JUN 2004  0 S C[PRNDQGFSTW] [ANDQEGILMFPSTWYV] [EGKSY] [PDENQEGKSTW] [RGW] [LIKM 0 S CF0XGGTLC 0 S WRECDGEPWLFCWDG 159 S C[PNQST] [ANDQEGILMFPSTWYV] [ES] [PDENQSTY] W [LIMNQSTV] [FWY] / SQSP 406 S L1/SQSP	(FILE 'HOME' ENTERED AT 20:02:30 ON 22 JUN 2004)	his	US 1996-16930 A 19961008 US 1996-727045 A3 19961008 US 1996-727045 A3 19961008 A method is described for obtaining synthetic peptides by plasmin cleavage of fibrinogen to yield C-terminal ends of the E fragment which are also antigenic. The peptides are injected into rabbits to produce antibody-producing cells which are used to generate monoclonal antibodies for use in immunoassays or in the treatment of fibrinolytic disorders.	ъ1 В У

L24

FILE 'REGISTRY' ENTERED AT 15:06:11 ON 01 OCT 2004 USE IS SUBJECT TO THE TERMS OF YOUR SIN CUSTOMER AGREEMENT. PLANSE SEE "RELP UNSACTENES" FOR DETAILS.
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=> file reg COST IN U.S. DOLLARS

FILE 'HOME' ENTERED AT 15:06:01 ON 01 OCT 2004

Connecting via Winsock to STN Welcome to STN International! Enter x:x Second round of searching, claim 3

FULL ESTIMATED COST

SINCE FILE ENTRY 0.21

TOTAL SESSION 0.21

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SESSION WILL BE HELD FOR 60 MINUTES STN INTERNATIONAL SESSION SUSPENDED AT 22:00:34 ON 22 JUN 2004
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COST IN U.S. DOLLARS
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1663 S L25
229 S L26
1742 S L27 OR L28
1522 DUP REM L29 (220 DUPLICATES REMOVED)
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1479 S L33
3 S (L30 OR L34) AND FIBRIN
                                                                                                                                                                                                                                                                                                       FILE 'REGISTRY' ENTERED AT 21:57:41 ON 22 JUN 2004 3623 S C.{2}[EGKSY].{1}[RGW].(1][ILFWY]C/SQSP
                                                                                                                                                                                                                                                                                                                                                                                                  FILE 'REGISTRY' ENTERED AT 21:56:28 ON 22 JUN 2004 12975 S C.(4){RGw].(1){ILFWY}C/SQSP
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340 S W.(5)(ES).(1)W.(2)C/SQSP
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ENTRY
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ENTRY
83.19
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Property values tagged with provided by InfoChem. IC are from the ZIC/VINITI data file

DICTIONARY FILE UPDATES: STRUCTURE FILE UPDATES: 29 SEP 2004 29 SEP 2004 HIGHEST RN 754169-63-6

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

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Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at: http://www.cas.org/ONLINE/DBSS/registryss.html

=> s CP[DEGMW]E[NDEPS]W[LT]FC/SQSP 10 CP[DEGMW] E[NDEPS] W[LT] FC/SQSP

=> FILE CAPLUS
COST IN U.S. D FULL ESTIMATED COST IN U.S. DOLLARS

SINCE FILE ENTRY 0.42

FILE 'CAPLUS' ENTERED AT 15:07:22 ON 01 OCT 2004
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FILE COVERS 1907 - 1 Oct 2004 FILE LAST UPDATED: 30 Sep 2004 VOL 141 ISS 15 4 (20040930/ED)

substance identification. This file contains CAS Registry Numbers for easy and accurate

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PROCESSING COMPLETED FOR L2
L3 4 DUP REM L2 (0 DUPLICATES REMOVED)

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1885 3 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2004 ACS 2004:634089 CAPLUS on SIN

Z Sato, Aaron K.; Sexton, Daniel J.; Binding peptides for the KDR receptor and vascular endothelial growth factor/KDR complex and their use in diagnosis, therapy, and imaging of angiogenesis-related disorders 141:167846 Dransfield, Daniel T.; Ladner,

Shrivastava, Ajay; Song, Bo; Swenson, Rolf Dyax Corp., USA; Bracco International B.V. PCT Int. Appl., 470 pp. C.; Arbogast, Christophe; Bussat, Philippe; Fan, Hong; Khurana, Sudha; Linder, Karen E.; Marinelli, Edmund R.; Nanjeppan, Palaniappa; Nunn, Adrian; Pillai, Radhakrishna; Pochon, Sibylley Ramalingam, Kondareddiar; Shrivastava, Ajay; Song, Bo; Swenson, Rolf E.; Von Wronski, Mathew A.

SO CODEN: PIXXD2

PRAI US 2002-360851P US 2003-440411P US 2003-382082 WO 2003-US 6731 ΡI EAN English FAN.ONT 2 23 Š WO 2004065621 PATENT NO. 2003074005 RW: ٤ 88933488838 PT CY MR CENTS E E E E MR, 525150¥ ¥ MW, MZ, DK, EE, SI, SK, SN, TD, SI SI 20030912 AU, AZ, DK, DM, IN, IS, MD, MG, SD, SE, VN, YU, 20040805 AU, AZ, DK, DM, IL, IN, MA, MD, RO, RU, UG, US, SK, 20030115 TR SD TR, WO 2003-US6731
, BB, BG, BR, BY, EC, EE, ES, KP, KR, KR, KM, MX, MX, MX, MX, MX, MX, ZM, ZM, ZM, AM, AZ AK AE EC BJ, FR, WO 2003-US28787 APPLICATION NO. 987z SEMEES 9,8°5 ទំ <del>ខំ</del> ខំ មិខិមិ YU, 걸통 BY, FI, KR, MZ, TM, AZ, 얼플팅 ES, KP, KP, SK, SK, W. AZ ά E κ AZ E K CA, CH, GB, GD, KZ, LC, NI, NO, SY, TJ, SY, TJ, ZW, AM, 20030303 CA, CH, CN, GD, GE, GH, LC, LK, LR, NZ, OM, PH, TR, TT, TZ, KG, KZ, MD, AT, BE, IT, LU, GA, GN, AT, BE, IT, LU, GA, GN, 20030911 A, CH, CN, B, GD, GE, Z, LC, LK, I, NO, NZ, I, AM, AZ, 888 នគ្គន

The present invention provides peptides, peptide dimers, and multimeric complexes comprising at least one binding moiety for KDR receptor or, vascular endothelial growth factor (VEGF)/KDR complex, which have a variety of uses wherever treating, detecting, isolating, or localizing angiogenesis is advantageous. Particularly disclosed are synthetic, isolated peptides capable of binding KDR or VEGF/KDR complex with high affinity (e.g., having a KD < 1 .mu.M), and dimer and multimeric constructs comprising these polypeptides. The involvement of VEGF and M KDR

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in angiogenesis makes the binding peptides particularly useful for imaging important sites of angiogenesis, e.g., neoplastic tumors, for targeting substances, e.g., therapeutics, including radiotherapeutics, to such sites, and for treating certain disease states, including those associ. with inappropriate angiogenesis.

With inappropriate angiogenesis.

RE.CMT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT

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kinase-1 (Flk-1), and for imaging and targeting complexes formed by VEGF

900 B 3

and KDR. The involvement of VEGF and KDR in angiogenesis makes the VEGF/KDR and KDR binding polypeptides of the present invention particularly useful for imaging important sites of angiogenesis, e.g., neoplastic tumors, for targeting substances, e.g., therapeutics, including radiotherapeutics, to such sites, and for treating certain disease states, including those associa with inappropriate angiogenesis. Disclosed are synthetic, isolated polypeptides capable of binding KDR or VEGF/KDR complex with high affinity (e.g., having a KDK1 .mu.M).

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	W0 200205344 A3 20030327 W1 AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CO, CZ, DE, DX, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LG, LX, LY, LY, LY, LY, MA, MD, MG, MK, MM, MZ, MZ, NO, NZ, OM, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TU, TW, TN, TN, TN, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ,	NNER 4 OF 4 CAPLUS COPYRIGHT 2004 ACS on SIN 02:539700 CAPLUS 7:90279  orin binding moleties useful as imaging agents scott, Charles R.; Beltzer, James P.; Sato, Aaron K. ax Corp., USA Tint. Appl., 89 pp. DEN: PIXXD2 tent tent glish glish glish TENT NO. T	US 2003143158 Al 20030731 US 2001-34974 WARPAT 139:138721 MARPAT 139:138721 The present invention provides binding moieties for fibrin which h variety of uses wherever detecting, isolating or localizing fibrin particularly disclosed are synthetic, isolated polypeptides capable binding fibrin and recognizing the form of polymd. fibrin found in thrombi. In addn., the polypeptides have a slow dissocn. rate fibrin, which improves their ability to form a contrast image at the fibrin clot, making the disclosed binding moieties particular useful as imaging agents for thrombi.	2004 ACS on STN s imaging agents mes P.; Sato, Aaron K. APPLICATION NO. DATE
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JP 2004523514 I US 2000-747403 WO 2001-US49534

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The present invention provides binding moieties for fibrin which have a variety of uses wherever detecting, isolating or localizing fibrin, and particularly fibrin as opposed to fibringen, is advantageous. Particularly disclosed are synthetic, isolated polypeptides capable of binding fibrin and recognizing the form of polymed. Fibrin found in thrombi. In addan, the polypeptides have a slow dissoon, rate from fibrin, which improves their ability to form a contrast image at the site of a fibrin clot, making the disclosed binding moieties particularly useful as imaging agents for thrombi. Among examples provided are: screening of phage display libraries using the sol. fibrin-derived polypeptide DD(E) as fibrin target, and scintigraphic imaging of clots in rabbits using 99mTc-labeled peptides. MARPAT 137:90279

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Third round of searching - entire claimed subject matter

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STRUCTURE FILE UPDATES: 6 001 2004 HIGHEST RN 757927-15-4

> DICTIONARY FILE UPDATES: 6 OCT 2004 HIGHEST RN 757927+15-4

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27 [CPW] [ARNDQEGHILM:FPSTWYV] [ANQGILM:FPT]C[PRNDQGESTW] [ANDQEGILM:PPS
TWYV] [EGKSY] [PDENQEGLKSTY] [RGW] [LI:M:NQPSTV] [IL:MY]C[CGL:PWY] [PAG
NQLSTYDEH] [ARDILM:PW:NQGSTYH]/SQSP

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=> s L28 => s L27 => s

SESS STN I	FULL	=> log COST I	=> S L40	139 E> S	E38	=> s L37	E> 5	135 S	E> 8	133 E> S	L32 S	=> S	L30 => S	=> S L29
SESSION WILL BE HELD FOR 60 MINUTES TN INTERNATIONAL SESSION SUSPENDED AT 12:11:42 ON 07 OCT 2004	ESTIMATED COST 1067.56 1067.77	h N U.S. DOLLARS SINCE FILE	'PRO-ARG-PRO-CYS-PHE-GIN-LYS-GLY-GLY-THR-LEU-CYS-TRP-PRO-GLY'/sqsp 1 'PRO-ARG-PRO-CYS-PHE-GIN-LYS-GLY-GLY-THR-LEU-CYS-TRP-PRO-GLY'/SQ SP	'PRO-ARG-PRO-CYS-GLY-GLU-SER-ARG-THR-PHE-CYS-LEU-GLY'/sqsp 1 'PRO-ARG-PRO-CYS-GLY-GLN-GLU-SER-ARG-THR-PHE-CYS-LEU-GLU-GLY'/SQ SP	'TRP-GIN-ALA-CYS-PRO-GLY-TYR-LYS-ARG-GIN-PHE-CYS-TRP-ASP-ARG'/sgsp 1 'TRP-GIN-ALA-CYS-PRO-GLY-TYR-LYS-ARG-GIN-PHE-CYS-TRP-ASP-ARG'/SQ SP	'PRO-ARG-PRO-CYS-ARG-GLY-GLU-SER-TRP-PRO-TYR-CYS-TRP-GLY-GLY'/sqsp ? 1 'PRO-ARG-PRO-CYS-ARG-GLY-GLU-SER-TRP-PRO-TYR-CYS-TRP-GLY-GLY'/SQ SP	'TRP-TYR-PHE-CYS-PRO-GLY-GLU-PRO-TRP-SER-PHE-CYS-PRO-ASP-GLY'/SQSp 1 'TRP-TYR-PHE-CYS-PRO-GLY-GLU-PRO-TRP-SER-PHE-CYS-PRO-ASP-GLY'/SQ SP	'TRP-GLN-THR-CYS-PRO-GLY-TYR-LEU-ARG-SER-LEU-CYS-TRP-ASP-GLY'/sqsp 1 'TRP-GLN-THR-CYS-PRO-GLY-TYR-LEU-ARG-SER-LEU-CYS-TRP-ASP-GLY'/SQSP	'TRP-HIS-PHE-CYS-PRO-GLY-GLU-PRO-TRP-THR-PHE-CYS-TRP-ALA-GLY'/SQSP 1 'TRP-HIS-PHE-CYS-PRO-GLY-GLU-PRO-TRP-THR-PHE-CYS-TRP-ALA-GLY'/SQ SP	'CYS-TYR-PHE-CYS-PRO-GLY-GLU-PRO-TRP-THR-PHE-CYS-CYS-ASP-ASP'/sqsp 1 'CYS-TYR-PHE-CYS-PRO-GLY-GLU-PRO-TRP-THR-PHE-CYS-CYS-ASP-ASP'/SQ SP	'TRP-LEU-ASN-CYS-GLY-TRP-GLY-SER-GLY-LYS-LEU-CYS-LEU-GLY-VAL'/sqsp 1 'TRP-LEU-ASN-CYS-GLY-TRP-GLY-SER-GLY-LYS-LEU-CYS-LEU-GLY-VAL'/SQ SP	'TRP-ASN-GLY-CYS-GLY-TRP-GLY-SER-TRP-LYS-PHE-CYS-GLY-GLU-GLY'/sqsp 1 'TRP-ASN-GLY-CYS-GLY-TRP-GLY-SER-TRP-LYS-PHE-CYS-GLY-GLU-GLY'/SQ SP	<pre>'TRP-LYS-PHE-CYS-ASP-GLY-GLU-PRO-TRP-LEU-PHE-CYS-TRP-ASP-GLY'/sqsp 1 'TRP-LYS-PHE-CYS-ASP-GLY-GLU-PRO-TRP-LEU-PHE-CYS-TRP-ASP-GLY'/SQ SP</pre>	'TRP-GLN-ALA-CYS-GLN-LEU-GLY-TYR-ARG-THR-TYR-CYS-TRP-ASP-GLY'/sqsp 1 'TRP-GLN-ALA-CYS-GLN-LEU-GLY-TYR-ARG-THR-TYR-CYS-TRP-ASP-GLY'/SQ SP